



In re Patent Application of

RACE et al.

Atty. Ref.: 839-1524

Serial No. 10/824,487

TC/A.U.: 3745

Filed: April 15, 2004

Examiner: Unknown

For: ROTATING SEAL ARRANGEMENT FOR TURBINE
BUCKET COOLING CIRCUITS

* * * * *

July 14, 2004

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

SUBMISSION OF EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY

Attached herewith is the originally executed Exclusive Substitute Power of
Attorney for the above-identified patent application.

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: Richard G. Besha
Richard G. Besha
Reg. No. 22,770

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Arlington, VA 22201-4714
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Facsimile: (703) 816-4100



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of GE Power (839)

RACE et al.

Atty. Ref.: 839-1524

Serial No. 10/824,487

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For: ROTATING SEAL ARRANGEMENT FOR TURBINE BUCKET COOLING
CIRCUITS

* * * * *

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

**[LSP1]EXCLUSIVE SUBSTITUTE POWER OF ATTORNEY
AND EXCLUSIVE PROSECUTION HEREAFTER BY
ASSIGNEE UNDER 37 C.F.R. §§ 1.36, 3.71 AND 3.73**

The undersigned being the owner of all right, title and interest in the above-identified patent application, hereby revokes all previous powers of attorney in this case, if any, and hereby appoints the attorneys of **Customer Number 30024** individually and collectively its attorneys to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith, and with the resulting patent.

I also authorize Nixon & Vanderhye to act and rely solely on instructions communicated from the person, attorney, firm or other organization sending instructions to Nixon & Vanderhye on behalf of the owner.

Certificate Under 37 C.F.R. §3.73(b)

I hereby certify that General Electric Company of 1 River Road, Schenectady, NY 12345 is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventors to the aforesaid assignee, a copy of the assignment being attached.

I have reviewed the documents in the chain of title of the patent application identified above, and to the best of my knowledge and belief, title is in the aforesaid assignee for which I am empowered to act in this matter.

I declare further that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

GENERAL ELECTRIC COMPANY

July 12, 2007
Date

By:

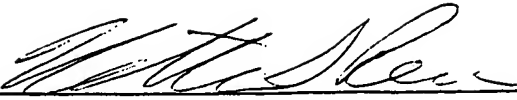
Ernest S. Cusick
Name: Ernest S. Cusick
Title: Patent Counsel

ASSIGNMENT

In accordance with obligations entered into pursuant to an Employee Innovation and Proprietary Information Agreement or other agreement and/or for other good and valuable consideration of which we acknowledge receipt, we, Nathan Race, Kevin Worley, and Raymond Lecuyer, of 215 Kelley Rd., Apt. 4, Clemson, South Carolina 29631; 134 Richland Drive, Easley, South Carolina 29642; and 409 Stonington Way, Taylors, South Carolina 29687; hereby sell and assign to General Electric Company, a New York Corporation, having an address at 1 River Road, Schenectady, New York 12345, USA, (hereinafter referred to as "Company"), its successors and assigns our entire respective right(s), title(s) and interest(s) in and to the invention and improvements invented and originated by us and described in the application for United States Patent currently entitled ROTATING SEAL ARRANGEMENT FOR TURBINE BUCKET COOLING CIRCUITS and 132739

- ☒ signed as of even date,
☐ signed as of _____, or
☐ filed on _____ having Serial Number _____

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, reexaminations and reissues thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patent on said inventions and improvements resulting therefrom to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said inventions and improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reexamination and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention and its improvements in all countries.



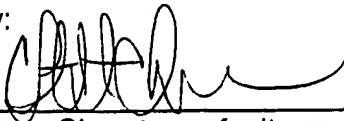
Nathan Race

4/13/04

Date

Witnessed by:

Name:



Date:

4/13/04

Signature of witness

Calvaria L. Hitchens

Printed name of witness

Name:



Date:

4/13/04

Signature of witness

Kim Stevens

Printed name of witness

STATE OF

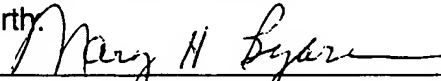
SC

ss): 251-66-6592

COUNTY OF

Hillsborough

This 13th day of April, 2004, before me personally came the above-named, Nathan Race, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.



Notary Public

My Commission Expires:

My Commission Expires

April 24, 2010

Kevin Worley
Kevin Worley

4/13/04
Date

Witnessed by:

Name:

Calvin L. Hitchens
Signature of witness

Date:

4/13/04

Calvin L. Hitchens
Printed name of witness

Name:

Kim Stevens
Signature of witness

Date:

4/13/04

Kim Stevens
Printed name of witness

STATE OF SC)

ss): 251-66-6592

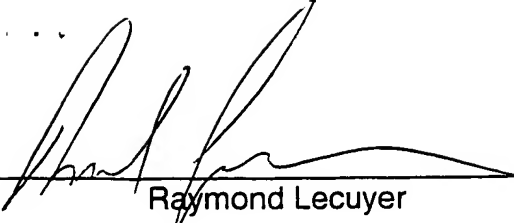
COUNTY OF Greenville)

This 13th day of April, 2004, before me personally came the above-named, Kevin Worley, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.

May H. Byers
Notary Public

My Commission Expires:


My Commission Expires
April 24, 2010


 Raymond Lecuyer

4/13/04
 Date

Witnessed by:

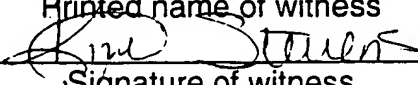
Name:


 Signature of witness
Calvaria L. Hitchens
 Printed name of witness

Date:

4/13/04

Name:


 Signature of witness
Kim Stevens
 Printed name of witness

Date:

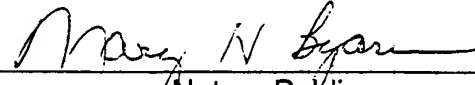
4/13/04

STATE OF SC)

ss): 251-66-6592

COUNTY OF Greenville)

This 13th day of April, 2004, before me personally came the above-named, Raymond Lecuyer, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.


 Notary Public

My Commission Expires:

My Commission Expires
April 24, 2010